

NW 78

ADDRESS REGISTER

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RUN

BUS

FETCH EXEC

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DATA

--	--	--	--	--	--

SOURCE

DESTINATION

ADDRESS

--	--	--	--

SWITCH REGISTER

17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0

LOAD ADDR	EXAM	CONT	ENABLE HALT	SINSE S-CYCLE	START	DEP

How to get more out of your PDP-11

They got more.

Over 600 PDP-11 users are getting more output. More information. More productivity. They have forsaken the DEC LP-11 line printer for Versatec electrostatic printers and plotters. Here's why:

They got more printer.

Versatec gives them more fonts, more letter sizes, and the ability to write in any language including Chinese. Versatec units print up to 1000 132 column lines per minute in a handy 11 x 8½ inch format. PDP-11 driven Versatec units are also being used for straight line printing, program listing/software development, and data collection/logging applications. High speed, quiet operation, and lower maintenance cost (one-fourth that of impact printers) have made Versatec units the best choice for printing applications.



They got more than a printer.

More users are recognizing that a printer is not enough. They need plotting. To compare masses of data into a picture. To help interpret data. To analyze complex variables. To spot trends and reveal subtle changes.

Versatec printer/plotters plot 100, 160, or 200 point-per-inch high resolution graphics on-line at paper speeds up to 2.4 inches per second. They display any kind of alphanumeric, plot without changing hardware, and intermix alphanumeric and graphics without reducing printing speed.

Still other PDP-11 owners are using their Versatec units to produce permanent hard copy directly from Tektronix graphic display terminals. Built-in priority system allows them to switch from computer-directed printing or plotting to graphic terminal output, and back again, in seconds.

Talk about cost effective! Any one of these applications justifies purchase, but a single Versatec unit replaces a line printer, a pen plotter, and a dedicated CRT hard copy device. Users can cut their peripheral cost by as much as \$10,000.

They got less trouble.

Versatec printers and plotters have an MTBF in excess of 3,000 hours. Their maintenance cost is about one-fourth that of impact printers. No moving parts in the writing process, simplified paper transport, and easy-to-handle liquid toner deliver reliable, quiet operation. This is output you and your PDP-11 can count on.

They got plug-to-plug compatibility.

They simply plugged in. Two controllers, C-PDP11 and C-PDP11/DMA, make any Versatec printer or printer/plotter emulate the DEC LP-11 line printer. Either controller mounts in a standard DD11-A or DD11-B peripheral mounting panel. Jumper-selectable parameters include device register addresses, interrupt transfer vector addresses, and interrupt level.

The popular DMA controller version can cut CPU overhead. A 16-bit data buffer accommodates two byte DMA data transfers and one byte DPC data transfers. Direct memory access is easy. Full 18-bit addressing supports up to 128K of memory.

Cabling to Versatec unit is provided with capability for operation at distances up to 1000 feet.

They got powerful, compatible software.

Both controllers use DEC standard software. And if the PDP-11 is used for plotting, the user has a choice of Integrated Versaplot™ Software packages designed specifically for three PDP-11 operating systems: DOS & DOS/BATCH, RSX-11D and RT-11.

And what powerful software it is. Simple FORTRAN subroutines allow programming of virtually any graphics representation with a few words of instruction. The software includes Versaplot I, designed for electrostatic plotting, and Versaplot II, a compatible extension of existing pen plotter software.

They got DEC's favorite electrostatic supplier.

DEC recommends electrostatic printers

and... resources. Versatec... or by... support... st cost-effective, c... id cost... ensive output pack...

You can get what they got.

Filling out the card below is a good start. It will bring you answers to your specific questions, provide supporting data, and supply printed samples.

You have nothing to lose, but printer-limited output. So send this card today.



2805 Bowers Avenue
Santa Clara, California 95051
Telephone (408) 988-2800
TWX: 910-338-0243

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I'd like to know

Connectors

☐ C-PDP

☐ C-PC

Software

☐ DOS & DOS/BATCH

☐ RSX-11D

☐ RT-11

Plotting

☐ Printing/plotting dual capability

☐ Permanent copy from CRT display

☐ Versaplot™ software

☐ Plot samples

☐ Model selection

☐ Price and delivery

☐ Specifications

Other information I want: _____

My PDP-11 model and operating system: _____

My application: _____

_____ name _____ telephone

_____ company or organization

_____ address

_____ city _____ state _____ zip

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